

FIGURE 1

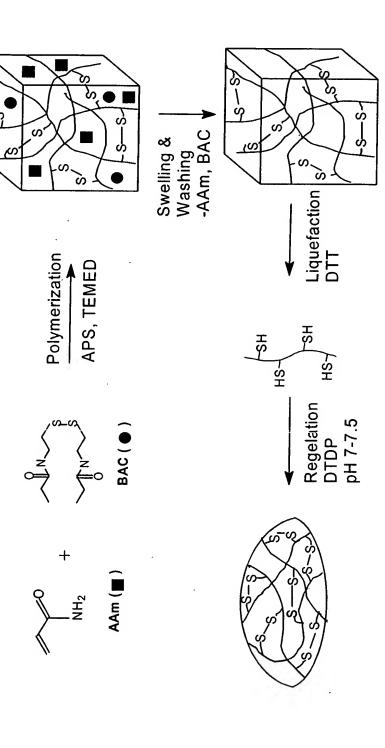


FIGURE 2

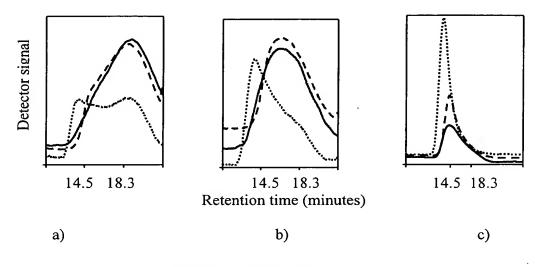


FIGURE 3

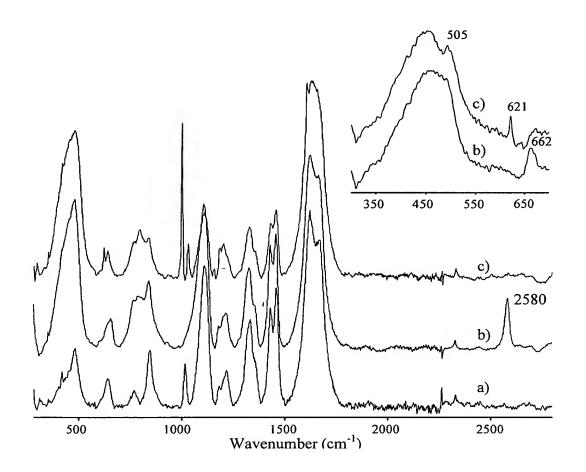


FIGURE 4

a)
$$AB-SH + HO = AB-S + H_2O$$

$$AB-S + O_2 = AB-S + O_2$$

$$2 AB-S = AB-SS-AB$$

b)
$$AB-SH + RSSR \iff AB-SSR + RSH$$

$$AB-SH + AB-SSR \iff AB-SS-AB+ RSH$$

FIGURE 5

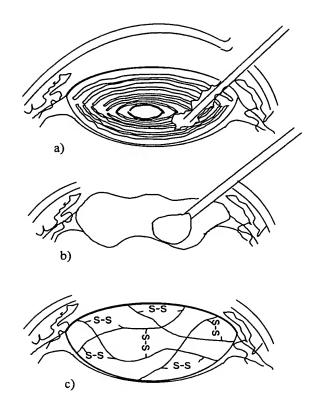


FIGURE 6





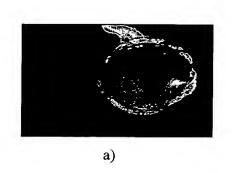


b)



c)

FIGURE 7



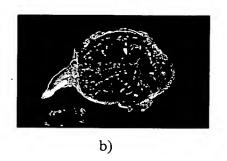


FIGURE 8